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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15

Date: 05-08-2014

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to roads and drains at M.S Ramaiah North City in ward No 06. in Thanaisandra Village Limits.}

Ref.: Letter No. Testing/BUB/2014-15, dated 02-08-2014

Sample supplied to lab by : Assistant Executive Engineer
Byatarayanapura Sub-Division
BBMP, Bangalore.

Report required for : Technical Manager, KRIDL, Bangalore,

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53	100.00	100
45	97.50	95-100
26.5	---	-
22.4	76.00	60-80
11.2	52.15	40-60
4.750	31.60	25-40
2.360	17.25	15-30
0.600	16.00	8--22
0.075	2.10	0--8

*As Furnished by Client.

The Results relate only to the items tested.

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ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15

Date: 11-08-2014

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Improvements to roads and drains at M.S Ramaiah North City in ward No 06. in Thanaisandra Village Limits.}

Ref.: Letter No. Testing/BUB/2014-15, dated 08-08-2014

Sample supplied to lab by : Assistant Executive Engineer
Byatarayanapura Sub-Division
BBMP, Bangalore.

Report required for : Technical Manager, KRIDL, Bangalore,

TEST RESULTS :

3. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.10 %**
4. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specfications-2001 (Grading – 2)
13.2	100.00	100
9.5	95.80	90—100
4.75	47.35	35—51
2.36	28.40	24—39
1.18	20.55	15—30
0.3	11.05	09—19
0.075	4.75	03—08

*As Furnished by Client.

The Results relate only to the items tested.

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